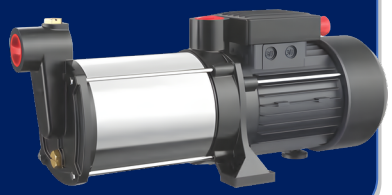
HORIZONTAL MULTISTAGE PUMPS “HMC-S”



TECHNICAL FEATURES

- Suitable for clean water, even where air is present, and for liquids that are not chemically aggressive to the pump materials.
- Designed to pump water even where air is present.
- Quiet, reliable and energy-efficient: recommended for domestic and civil applications such as pressurisation and water distribution with pressure sets, rainwater recovery and irrigation systems.
- Install in an enclosed area, or at least sheltered from bad weather.

MOTOR

- Two-pole induction motor (n = 2850 rpm)
- Insulation class B; protection IP44
- Continuous service S1
- Thermal protector on single-phase versions
- Single-phase 220 V / 50 Hz (60 Hz on request)
- Three-phase 380 V / 50 Hz (60 Hz on request)

WORKING CONDITION

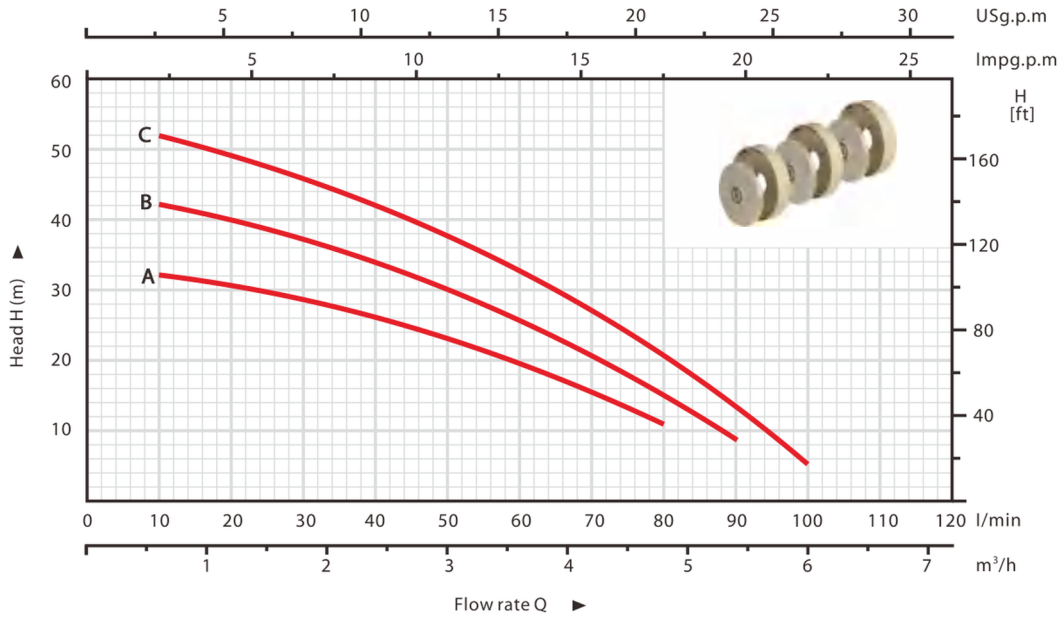
- Liquid temperature up to 60 °C
- Ambient temperature up to 40 °C
- Total suction lift up to 8 m

MATERIALS

COMPONENT	CONSTRUCTION
Pump body	Cast iron + Stainless steel
Pump support	Cast iron
Motor housing	Aluminium
Impeller	Techno-polymer
Motor shaft	AISI 304 SS
Mechanical seal	Ceramic / Graphite

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PERFORMANCE CHART AT n = 2850 RPM



NO.	MODEL	POWER kW	POWER HP	Q (m³/h)	0	0.6	1.2	1.8	2.4	3	3.6	4.2	4.8	5.4	6
				Q (l/min)	0	10	20	30	40	50	60	70	80	90	100
A	HMC-3S	0.55	0.75	H (m)	33	32	30.5	28.5	26	23	19.5	15.5	11		
B	HMC-4S	0.75	1	H (m)	44	42	40	37	34	30	25.5	20.5	15	9	
C	HMC-5S	0.9	1.2	H (m)	55	52	49	46	42	38	33	27	20.5	13.5	5

TECHNICAL DATA

NO.	MODEL	INLET / OUTLET (inch)	N.W. (kg)	L × W × H (mm)
A	HMC-3S	1" × 1"	11.4	430 × 190 × 215
B	HMC-4S	1" × 1"	13	455 × 190 × 215
C	HMC-5S	1" × 1"	14	480 × 190 × 215

Performance values at n = 2850 rpm, 50 Hz. Specifications are subject to change without notice.